

72067.ST25
SEQUENCE LISTING

<110> THE TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK ET AL.

<120> PHOTOCLEAVABLE FLUORESCENT NUCLEOTIDES FOR DNA SEQUENCING ON CHIP CONSTRUCTED BY SITE-SPECIFIC COUPLING CHEMISTRY

<130> 0575/72067-A-PCT

<160> 10

<170> PatentIn version 3.1

<210> 1

<211> 18

<212> DNA

<213> ARTIFICIAL SEQUENCE

<220>

<223> DNA/RNA HYBRID FOR SEQUENCING, BASED ON HUMAN P53

<400> 1

cagagccaac ctaggaga

18

<210> 2

<211> 19

<212> DNA

<213> ARTIFICIAL SEQUENCE

<220>

<223> HYBRID FOR TEST SEQUENCING BASED ON HUMAN P53

<400> 2

ucagagccaa cctaggaga

19

72067.ST25

<210> 3

<211> 20

<212> DNA

<213> ARTIFICIAL SEQUENCE

<220>

<223> HYBRID FOR TEST SEQUENCING BASED ON HUMAN P53

<400> 3

gucagagcca acctaggaga

20

<210> 4

<211> 21

<212> DNA

<213> ARTIFICIAL SEQUENCE

<220>

<223> HYBRID FOR TEST SEQUENCING BASED ON HUMAN P53

<400> 4

agucagagcc aacctaggag a

21

<210> 5

<211> 18

<212> DNA

<213> ARTIFICIAL SEQUENCE

<220>

<223> PRIMER DIRECTED TO HUMAN P53 EXON 7

<400> 5

agaggatcca accgagac

18

<210> 6

<211> 60

72067.ST25

<212> DNA

<213> ARTIFICIAL SEQUENCE

<220>

<223> TEST DNA TEMPLATE BASED ON HUMAN P53 EXON 7

<400> 6

gtgtacatca acatcaccta ccaccatgtc agtctcgggtt ggatcctcta ttgtgtccgg 60

<210> 7

<211> 100

<212> DNA

<213> ARTIFICIAL SEQUENCE

<220>

<223> TEST DNA TEMPLATE BASED ON HUMAN P53

<400> 7

agcgactgct atcatgtcat atcgacgtgc tcactagctc tacatatgcg tgcgtgatca 60

gatgacgtat cgatgctgac tatagtctcc catgcgagtg 100

<210> 8

<211> 24

<212> DNA

<213> ARTIFICIAL SEQUENCE

<220>

<223> PRIMER BASED ON HUMAN P53

<400> 8

agcgactgct atcatgtcat atcg 24

<210> 9

<211> 24

<212> DNA

72067.ST25

<213> ARTIFICIAL SEQUENCE

<220>

<223> REVERSE PRIMER BASED ON HUMAN P53

<400> 9

cactcgcatg ggagactata gtca

24

<210> 10

<211> 40

<212> DNA

<213> ARTIFICIAL SEQUENCE

<220>

<223> ARTIFICIAL LOOP PRIMER

<400> 10

gctgaattcc gcgttcgcgg aattcagcca ctgcgatggg

40